

**In the Claims**

1. (previously presented) A modular air supply system for a vehicle, characterized in that it comprises a base unit forming an interface to different modules of the air supply system, an electronic drier module connected to the base unit and that the electronic drier module is connected to a CAN-bus of the vehicle.
2. (previously presented) The modular air supply system of claim 1, characterized in that it comprises an air treatment module connected to the base unit.
3. (previously presented) The modular air system of claim 1, characterized in that it comprises an air distribution module connected to the base unit.
4. (previously presented) The modular air system of claim 1, characterized in that the base unit comprises an air inlet, an air outlet, an exhaust and recesses to receive units having different functions.
5. (previously presented) The modular air system of claim 4, characterized in that the base unit receives an unloading valve, an outlet control valve and/or optional safety valves.
6. (previously presented) The modular air system of claim 4, characterized in that the base unit optionally receives a heater, a silencer, a turbo protection valve and/or a depot valve.
7. (currently amended) The modular air system of claim 6, characterized in that the an air treatment module comprises a cartridge for heavy duty, a cartridge for light duty and/or a unit for coarse separation of contaminants from the compressed air.

8. (currently amended) The modular air system of claim 7, characterized in that ~~the an~~ air distribution module is bolted onto the base unit.
9. (currently amended) The modular air system of claim 7, characterized in that ~~the an~~ air distribution module is placed in a remote location relative the base unit.
10. (previously presented) The modular air system of claim 9, characterized in that the air treatment module is placed on top of the base unit.
11. (previously presented) The modular air system of claim 10, characterized in that the electronic drier module is placed on one side of the base unit.
12. (previously presented) The modular air system of claim 11, characterized in that the air distribution module is placed in communication with the air outlet of the base unit.
13. (new) A modular single tower air supply system for a vehicle, characterized in that it comprises a base unit forming an interface to different modules of the air supply system, an electronic drier module connected to the base unit and that the electronic drier module is connected to a CAN-bus of the vehicle.
14. (new) A modular air supply system for a vehicle, characterized in that it comprises a base unit forming an interface to different modules of the air supply system, an electronic drier module connected to the base unit and that the electronic drier module is controlled by a CAN-bus of the vehicle.